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EIGHTEENTH PROGRESS REPORT

on

CALIBRATION AND EVALUATION OF SKYLAB ALTIMETRY FOR  
GEODETIC DETERMINATION OF THE GEOID (Contract NAS9-13276,  
EPN 440) August 1 to August 31, 1974

to

NASA Johnson Space Center  
Principal Investigation Management Office  
Houston, Texas 77058

from

BATTELLE

Columbus Laboratories

September 20, 1974

Prepared by: D. M. J. Fubara (Co-Investigator)  
M. B. Kuhner

A. G. Mourad (Principal Investigator)  
Z. H. Byrns, Code TF6 - NASA/JSC Technical Monitor

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### PROGRESS

In this period, a low effort was continued because of the funding situation and the modified data being awaited. We have written and submitted the necessary proposal for extension of this contract.

On the technical side, in view of the discussions during the July PI data meeting and the problems described in the last progress report, our main effort was on reconciling the technical information on newly received modified documents and our computer processing programs.

Documents and data received during this period are listed in Appendix A.

### DATA PROCESSING RESULTS

There are no significant results to be reported as we continue to maintain a low effort pending the contract extension being processed and the receipt of modified data being awaited.

PROBLEMS

There are no new problems.

RECOMMENDATION

The current contract expires on September 30, 1974. A speedy conclusion of the contract extension process is required to avoid complications and project disruption.

NEXT PERIOD

Until the contract extension is approved, very little effort can be expended on this investigation.

TRAVEL

There was no travel in this period and none is planned for the next period.

APPENDIX AREPORTS AND DATA RECEIVED

	<u>Title</u>	<u>Identification Number</u>	<u>No. of Copies</u>
(1)	SKYLAB PROGRAM EARTH RESOURCES EXPERIMENT PACKAGE February 15, 1974 Contract NAS8-24000 Amendment JSC-14S Sensor Performance Report, Volume 11 (S191) (Engineering Baseline, SL2 and SL3 Evaluation)	MSC-05528 (SL3)	1
(2)	SKYLAB PROGRAM EARTH RESOURCES EXPERIMENT PACKAGE March 1, 1974 Contract NAS8-24000 Amendment JSC-14S Sensor Performance Report, Volume VII (S190B) (SL2 and SL3 Evaluation)	MSC-05528 (SL2/3)	1